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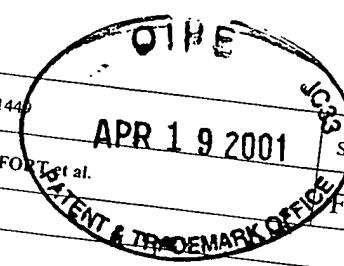
SIRIAL NO.: 09/641,808

APR 19 2001

Based on Form PTO-1440

APPLICANTS: BELFORT et al.

Filing date: August 17, 2000



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
~	AA	5,496,714	1996-03-05	Comb et al.	—	—	
~	AB	5,795,731	1998-08-18	Belfort et al.	—	—	
~	AC	5,834,247	1998-11-10	Comb et al.	—	—	

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~	AE	Noren et al. (2000) "Dissecting the chemistry of protein splicing and its applications" Angewandte Chemie Int. Ed. 39:450-466
~	AF	Smith et al. (1981) "Comparison of Biosequences" Adv. App. Math. 2:482-489
~	AG	Shao et al. (1995) "Protein splicing characterization of the aminosuccinimide residue at the carboxyl terminus of the excised intervening sequence" Biochem. 34:10844-50
~	AH	Wu et al. (1998) "Protein trans-splicing and functional mini-inteins of a cyanobacterial dnaB intein" Biochim. Biophys. Acta 1387:422-32
~	AI	Cooper et al. (1993) "Protein splicing: excision of intervening sequences at the protein level" Bioessays 15:667-674
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~	AL	Southworth et al. (1999) "Purification of proteins fused to either the amino or carboxy terminus of the Mycobacterium xenopi gyrase A intein" BioTech. 27:110-120
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SERIAL NO.: 09/641,808

ATTY. DOCKET NO.: 454311-2201.1

APPLICANTS: BELFORT et al.

Filing date: August 17, 2000

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~	AQ	Davis et al. (1992) "Protein splicing in the maturation of the <i>M. tuberculosis</i> recA protein: A mechanism for tolerating a novel class of intervening sequence" <i>Cell</i> 71:201-210
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~	AT	Beachy et al. (1997) "Multiple roles of cholesterol in hedgehog proteins biogenesis and signaling" <i>Cold Spring Harbor Symp. Quant. Biology</i> 62:191-204
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~	AZ	Southworth et al. (1998) "Control of protein splicing by intein fragment reassembly" <i>EMBO J.</i> 17:918-26
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~	BD	Belfort et al. (1984) "A genetic system for analyzing <i>E. coli</i> thymidylate synthase" <i>J. Bact.</i> 160:371-378
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EXAMINER

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Based on Form PTO-1449		SERIAL NO.: 09/641,808	Page 3 of 5 ATTY. DOCKET NO.: 454311-2201.1
APPLICANT: BELFORT et al.		Filing date: August 17, 2000	
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	BI	Wang et al (1997) "Identification of an unusual intein in chloroplast ClpP protease of <i>Chlamydomonas eugametos</i> " J. Biol. Chem. 272:11869-73	
	BJ	Chong et al. (1997) "Protein splicing of the <i>Saccharomyces cerevisiae</i> VMA intein without the endonuclease motifs" J. Biol. Chem. 272:15587-15590	
	BK	Chong et al. (1998) "Modulation of protein splicing of the <i>Saccharomyces cerevisiae</i> vacuolar membrane ATPase intein" J. Biol. Chem. 273:10567-10577	
	BL	Lew et al. (1998) "Protein splicing in vitro with a semi-synthetic two-component minimal intein" J. Biol. Chem. 273:15887-90	
	BM	Evans et al. (1999) "The in vitro ligation of bacterially expressed proteins using an intein from <i>Methanobacterium thermoautotrophicum</i> " J. Biol. Chem. 274:3923-3926	
	BN	Evans et al. (1999) "The cyclization and polymerization of bacterially expressed proteins using modified self-splicing inteins" J. Biol. Chem. 274:18359-18363	
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	BQ	Poland et al. (2000) "Structural insights into the protein splicing mechanism of PI-SceI" J. Biol. Chem. 275:16408-16413	
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	BT	Ryan et al. (1991) "Cleavage of foot-and-mouth disease virus polyprotein is mediated by residues located within 19 amino acid sequence" J. Gen. Virol. 72:2727-2732	
	BU	Needleman et al. (1970) "A general method applicable to the search for similarities in the amino acid sequences of two proteins" J. Mol. Biol. 48:444-453	

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APR 19 2001	SP	Volkin et al. (1996) "The characterization, stabilization, and formulation of acidic fibroblast growth factor" <i>Pharma Biotech.</i> 9:181-217
~	SP	Wilbur et al. (1983) "Rapid similarity searches of nucleic acid and protein data banks" <i>Proc. Natl. Acad. Sci. USA.</i> 80:726-30.
~	CQ	Clarke. (1994) "A proposed mechanism for the self-splicing of proteins" <i>Proc. Natl. Acad. Sci. USA</i> 91:11084-8
~	CR	Liu et al. (1997) "DnaB intein in <i>Rhodothermus marinus</i> : indication of recent intein homing across remotely related organisms" <i>Proc. Natl. Acad. Sci. USA.</i> 94:7851-6
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~	CU	Pietrovski et al. (1994) "Conserved sequence features of inteins (protein introns) and their use in identifying new inteins and related proteins" <i>Prot. Sci.</i> 3:2340-2350
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~	CZ	Cooper et al. (1995) "Protein splicing: self-splicing of genetically mobile elements at the protein level" <i>TIBS</i> 20:351-356
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